

N.E.B.C. FIELD TRIP
NEW HAVEN, CONNECTICUT

In conjunction with the 773rd meeting of the New England Botanical Club held at Yale University, a field trip to local sites was planned for May 2nd. A group of approximately 12 people met at The Biology Department at 9:00 am on Saturday morning to the accompaniment of a light rain. It was agreed to pay a visit to the adjacent Peabody Museum of Natural History for approximately an hour in hopes that the weather would improve. The weather did improve, and the group set off to the basaltic cliff near New Haven, which had been suggested by Lauren Brown. A short walk over swampy ground led to the cliff, and provided a host of southern New England woodland herbs including:

<i>Anemonella thalictroides</i>	<i>Viola sororia</i>
<i>Viola cucullata</i>	<i>Lindera benzoin</i>
<i>Arabis drummondii</i>	<i>Ranunculus abortivus</i>
<i>Anemone quinquefolia</i>	<i>Maianthemum canadense</i>
<i>Carex stricta/oe</i>	<i>Symplocarpus foetidus</i>
<i>Asarum canadense</i>	<i>Dioscorea villosa</i>
<i>Trillium erectum</i>	<i>Arisaema atrorubens</i>
<i>Osmunda regalis</i>	<i>Polystichum acrostichoides</i>
<i>Polypodium virginianum</i>	<i>Hepatica americana</i>
<i>Barbarea verna</i>	<i>Zizia aurea</i>
<i>Uvularia sessilifolia</i>	<i>Polygonatum biflorum</i>
<i>Straphylea trifolia</i>	<i>Viola pallens</i>
<i>Sanguinaria canadensis</i>	<i>Fragaria virginiana</i>
<i>Athyrium filix-foemina</i>	<i>Onoclea sensibilis</i>
<i>Rubus pheonicolasius</i>	<i>Rhus typhina</i>
<i>Carya tomentosa</i>	<i>Cornus florida</i>
<i>Chimaphila maculata</i>	<i>Nepetum catarium</i>
<i>Lycopodium lucidulum</i>	<i>Viburnum lentago</i>
<i>Cirsium muticum</i>	

The cliff held many of the same species, but also *Aquilegia canadensis*, *Saxifraga virginensis* and *Myosotis verna*. The fascination of the locality lay in the pteridophytes, however, which included *Pellaea atropurpurea*, *Cystopteris fragilis* and *Cheilanthes lanosa*, the latter at the northern margin of its range. Collecting was limited to photographs. The trip ended about 1:30.

After lunch, a reduced field party headed north to a second basaltic cliff locality in Wallingford, this one suggested by Bruce Tiffney. A short hike led us up the ridge through open Oak-Hickory forest to the top, where the group spread out to look at the varied spring flora. Many of the same species which were seen in the morning were seen here. The new taxa seen at this site included:

<i>Trillium erectum</i>	<i>Geranium maculatum</i>
(yellow-white form)	<i>Dicentra cucullata</i>
<i>Sassafras albida</i>	<i>Houstonia caerulea</i>
<i>Anthoxanthum odoratum</i>	<i>Quercus velutina</i>
<i>Luzula multiflora</i>	<i>Viola fimbriatula</i>
<i>Erythronium americanum</i>	<i>Viola palmata</i>
<i>Sclaeimella rupestris</i>	<i>Scirpus verecundus</i>
<i>Triosteum curantiacum</i>	<i>Athyrium thelypteroides</i>
<i>Caulophyllum thalictroides</i>	<i>Quercus prinus</i>
<i>Botrychium virginianum</i>	

The most important find at this locality was a large stand of *Corydalis flavula*, which according to the publication "*Rare and Endangered Plant Species in Connecticut*", is known from only three localities in Connecticut. Several collections of this plant were made, and specimens have been deposited in the Pringle Herbarium at the University of Vermont, the Hodgdon Herbarium at the University of New Hampshire, the Eaton Herbarium at Yale University and the Club Herbarium. The second field trip ended with the setting sun at about 7:30 PM.

Only those plants seen in flower (or spore) were reported in the foregoing list. The secretary wishes to thank Dr. David Barrington for tallying the species seen.

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RECORDING SECRETARY